

# ***JUNE 2006 WEATHER SUMMARY***

## ***RIVERSIDE FIRE WEATHER CENTER***

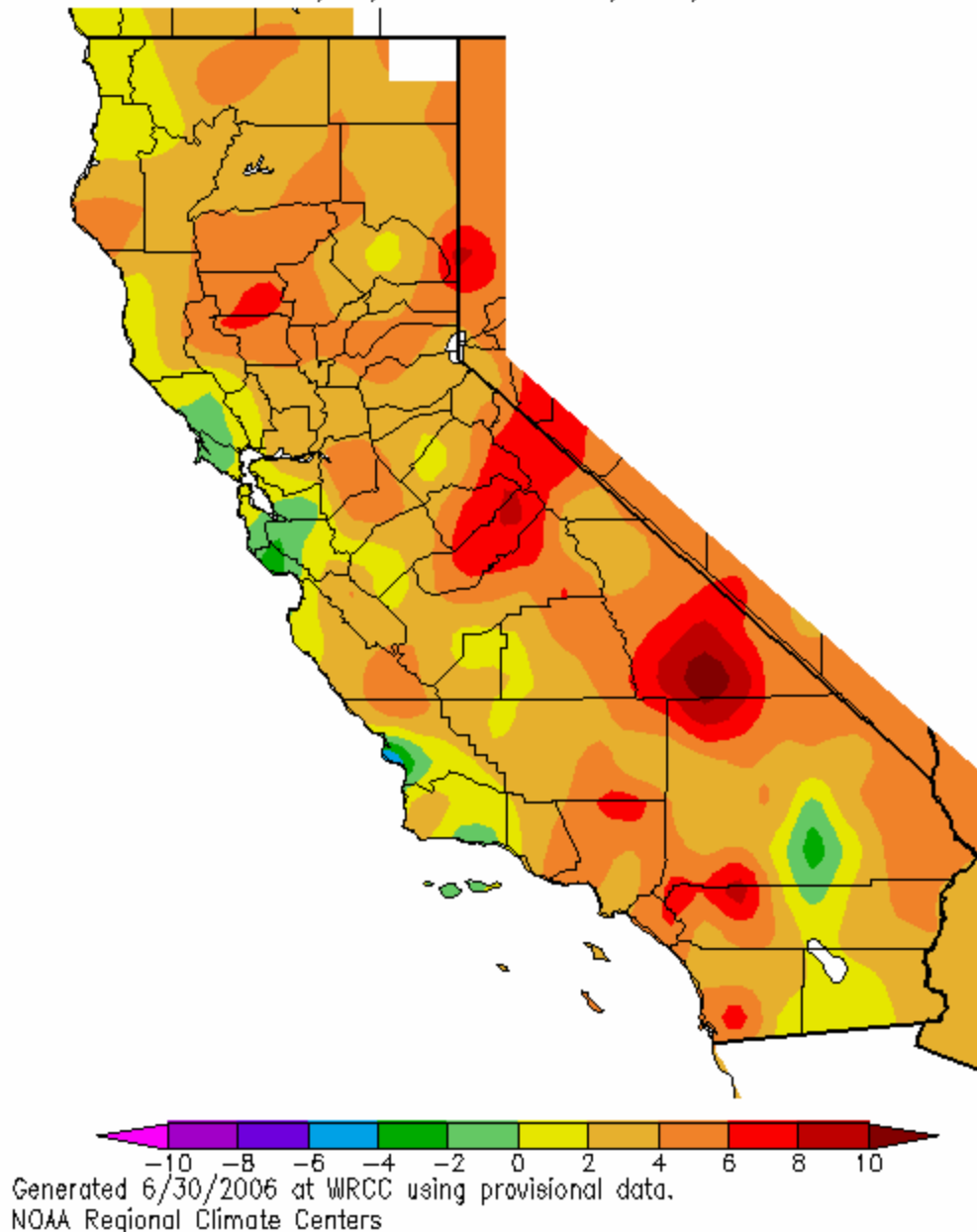
### ***INTRODUCTION***

A weak Pacific trough brought near to a little below normal temperatures June 5<sup>th</sup> – June 13<sup>th</sup>. During the rest of the month, a strong ridge of high pressure over the southwestern states brought above normal temperatures to most of the region. Southeast flow aloft brought isolated to scattered showers and thunderstorms to the mountains and deserts on the 6<sup>th</sup> and 7<sup>th</sup> and again during the entire last week of the month. Otherwise, there was little or no precipitation across the region. Winds were mainly southerly during the entire month. However, there was one Santa Ana event which occurred during the middle of the month.

### ***TEMPERATURES***

A weak Pacific trough along the West Coast brought near to a little below normal temperatures June 5<sup>th</sup> – June 13<sup>th</sup>. The rest of the month was dominated by above normal temperatures as a ridge of high pressure sat over the southwestern states. Across Southern California, many valley locations had maximum temperatures in the mid 90s to 105 with the ridge of high pressure and 80s to low 90s with the Pacific trough. Normally, the valley locations of Southern California are near 80 to start the month and near 90 to end the month. For the month, maximum temperatures ranged from between 4 and 6 degrees below normal over some Central Coast locations to over 10 degrees above normal over some northern desert locations. Riverside set a daily high minimum temperature of 66 degrees on June 4<sup>th</sup>, 65 degrees on June 8<sup>th</sup>, 63 degrees on June 9<sup>th</sup>, 63 degrees on June 18<sup>th</sup>, 70 degrees on June 25<sup>th</sup>, 73 degrees on June 26<sup>th</sup>, 71 degrees on June 27<sup>th</sup>, and 70 degrees on June 28<sup>th</sup>. Riverside tied a daily high minimum temperature of 64 degrees on June 7<sup>th</sup>, 62 degrees on June 10<sup>th</sup>, and 68 degrees on June 29<sup>th</sup>. Riverside broke the highest average maximum temperature for June with 94.1 degrees, the highest average minimum temperature for June with 62.6 degrees, and the highest mean daily temperature for June with 78.4 degrees.

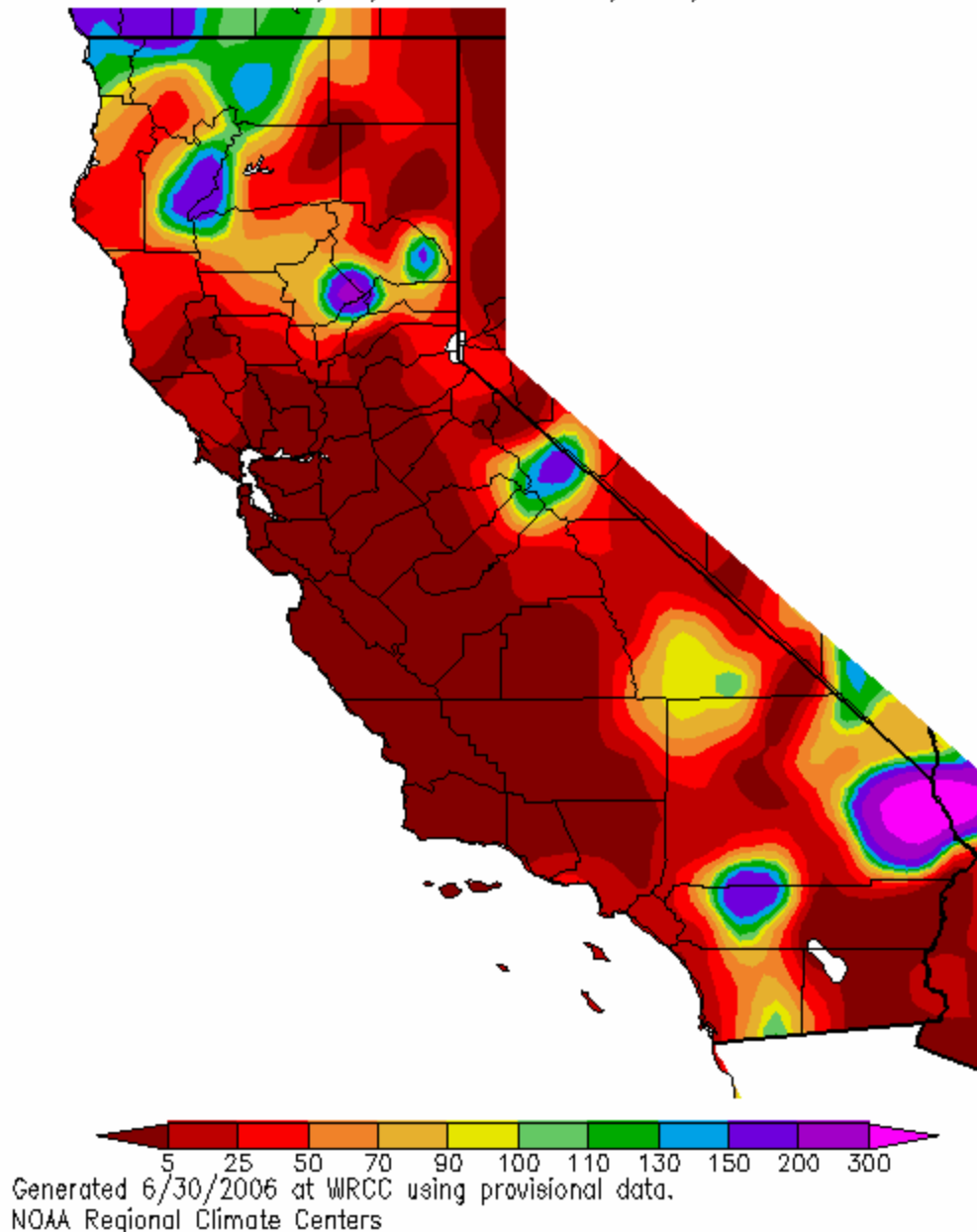
Av. Max. Temperature dep from Ave (deg F)  
6/1/2006 – 6/29/2006



### ***PRECIPITATION***

There were no widespread precipitation events in June. Southeast flow aloft brought isolated to scattered showers and thunderstorms to the mountains and deserts on the 6<sup>th</sup> and 7<sup>th</sup> and again between the 23<sup>rd</sup> and 30<sup>th</sup>. During this time, some mountain and deserts locations picked up between a quarter inch and a half inch of rainfall. Otherwise, there was little to no precipitation during June. Riverside received no rainfall for the month, when normally they receive 0.09 inches.

Percent of Average Precipitation (%)  
6/1/2006 – 6/29/2006



### ***WINDS***

Winds were mostly southerly the entire month. Southerly afternoon winds were mainly between 10 and 20 mph. However, the trough brought southerly afternoon winds over some mountain and desert locations to 15 to 25 mph with gusts in the 30s and 40s. There was one Santa Ana event which occurred June 14<sup>th</sup> – June 16<sup>th</sup>. Winds over the mountains and below the canyons and passes of Southern California were 15 to 30 mph with highest gusts over some of the mountains to 40mph.

## ***FIRES***

Per the 209's, there were 17 fires reported, totaling 21,548 acres this month. There were a total of 11 fires over 100 acres. The largest fire was the Perkins incident, south of New Cuyama, which totaled 15,043. There were a number of lightning fires, mainly in the desert areas the last few days of the month.

## ***CONCLUSION***

Overall, for much of the area, June had above to well above normal temperatures and below normal precipitation. Winds were mainly southerly the entire month, except one Santa Ana event occurred during the middle of the month.